—, Hong, E. and Castañeda-Hernández, G.
Sensitive high-performance liquid chromatographic assay of pelanserin, a novel antihypertensive agent, in plasma samples 167
Foglietti, M.J., see Ricard, B. 203
Forrest, G.
—, McInnes, G.T., Fairhead, A.P., Thompson, G.G. and Brodie, M.J.
Simple high-performance liquid chromatographic method for the measurement of amiloride in boy fluids 123
Friis, J.M., see Lakings, D.B. 131
Fujii, J., see Inotsume, N. 402
Giovanni, N. De, see De Giovanni, N. 321
Girardot, R., see Rihn, B. 408
Goldberg, A.L., see Kee, Y. 345
Gotelli, G.R.
— and Kabra, P.M.
Simultaneous determination of urinary vanillylmandelic acid, 5-hydroxyindoleacetic acid and homovanillic acid by liquid chromatography 147
Gouyette, A., see Vassal, G. 357
Greef, J. van der, see Reeuwijk, H.J.E.M. 93
Gulaid, A.A., see Mallett, D.N. 190
Haring, C.
—, Humpel, C., Auer, B., Saria, A., Barnas, C., Fleischhacker, W. and Hinterhuber, H.
Clozapine plasma levels determined by high-performance liquid chromatography with ultraviolet detection 160
Hashizume, Y., see Sasaoka, T. 152
Hayashi, T.
—, Naruse, H., Matsuda, F. and Iida, Y.
Sensitive determination of deuterated and non-deuterated indole-3-acetic acid and 5-hydroxyindole-3-acetic acid by combined capillary gas chromatography–negative-ion chemical ionization mass spectrometry 209
Hendriks, H.
—, Huizing, H.J. and Bruins, A.P.
Ammonium positive-ion and hydroxide negative-ion chemical ionization gas chromatography–mass spectrometry for the identification of pyrrolizidine alkaloids in *Eupatorium rotundifolium* L. var. *ovatum* 352
Herrle, I., see Kauert, G. 291
Herrmann, T.
—, Steinhilber, D., Knopse, J. and Roth, H.J.
Determination of picogram amounts of lipoxin A_4 and lipoxin B_4 by high-performance liquid chromatography with electrochemical detection 237
Heyes, M.P.
— and Quearry, B.J.
Quantification of 3-hydroxykynurenine in brain by high-performance liquid chromatography and electrochemical detection 340
Higashi, A., see Inotsume, N. 402
Hinterhuber, H., see Haring, C. 160
Hodr, R., see Knobloch, E. 255
Hoffmann, N.E., see Rahman, A. 395
Honda, M., see Inotsume, N. 402
Hong, E., see Flores-Murrieta, F.J. 167
Hoppel, C.L., see Minkler, P.E. 388
Huizing, H.J., see Hendriks, H. 352
Humpel, C., see Haring, C. 160
Iida, Y., see Hayashi, T. 209
Ikenaka, T., see Omichi, K. 415
Inaba, T., see Nicoll-Griffith, D.A. 103
Inotsume, N.
—, Fujii, J., Honda, M., Nakano, M., Higashi, A. and Matsuda, I.
Stereoselective analysis of the enantiomers of ethotoin in human serum using chiral stationary phase liquid chromatography and gas chromatography–mass spectrometry 402
Ivashkiv, E., see Jemal, M. 81
Jackson, L.S.
— and Stafford, J.E.H.
High-performance liquid chromatographic assay for the simultaneous measurement of two spironolactone analogues, 17β-hydroxy-3-oxo-17-pregn-4-ene-21-carboxylic acid-γ-lactone 7α-methyl ethyl ester and its 6β-hydroxylated derivative 377
Jean, C.
— and Laplanche, R.
Assay of isradipine and of its major metabolites in biological fluids by capillary gas chromatography and chemical ionization mass spectrometry 61
Jemal, M.
—, Ivashkiv, E., Teitz, D. and Cohen, A.I.
Simultaneous determination of the prodrug zofenopril and its active drug in plasma by capillary gas chromatography–mass-selective detection 81
Jones, R.M., see Prasad, M.R. 221
Kabra, P.M., see Gotelli, G.R. 147
Kalow, W., see Nicoll-Griffith, D.A. 103
Kaneda, N., see Sasaoka, T. 152

Kaplinsky, L.B., see Prasad, M.R. 221
Kauert, G.
—, Herrle, I. and Schoppek, B.
Detection of oxilofrine in plasma and urine by high-performance liquid chromatography with electrochemical detection and comparison with gas chromatography–mass spectrometry 291
Kee, Y.
—, Lee, Y.S., Chung, C.H., Waxman, L. and Goldberg, A.L.
Improved methods for purification and assay of glycerol kinase from *Escherichia coli* 345
Keizer, H.J., see Reeuwijk, H.J.E.M. 93
Kežić, S.
— and Monster, A.C.
Determination of methyl ethyl ketone and its metabolites in urine using capillary gas chromatography 275
Kim, J.Y., see Adachi, K. 247
Knobloch, E.
—, Mandys, F. and Hodr, R.
Study of the mechanism of the photochemical oxidation of bilirubin by high-performance liquid chromatography 255
Knopse, J., see Herrmann, T. 237
Koopman-Kimenai, P.M., see Vree, T.B. 311
Lakings, D.B.
—, Friis, J.M. and Bruns, M.B.
High-performance liquid chromatographic method for the determination of eclanamine and its N-desmethyl and N,N-didesmethyl metabolites in urine 131
Laplanche, R., see Jean, C. 61
Lee, Y.S., see Kee, Y. 345
Lindström, B.
—, Sjöberg, P. and Floberg, S.
Gas chromatographic–mass spectrometric method for the determination of dimethylacetamide and metabolites in whole blood 156
Lingeman, H., see Reeuwijk, H.J.E.M. 93
McInnes, G.T., see Forrest, G. 123
McNair, H.M., see Chrisley, B.Mc. 35
Mallett, D.N.
—, Gulaid, A. and Dennis, M.J.
High-performance liquid chromatographic method with electrochemical detection for the concomitant assay of sulphadiazine, sulphamerazine and sulphapyridine in plasma 190
Mandys, F., see Knobloch, E. 255
Matsuda, F., see Hayashi, T. 209
Matsuda, I., see Inotsume, N. 402
Maurer, H.
— and Pfleger, K.
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized gas chromatography–mass spectrometry 43
Miksic, J.R.
—, Rivel, E.R. and Rush, K.
Analysis of a new H_2 receptor antagonist, 3-amino-5-[3-[4-(1-piperidinoindanyloxy)]-propylamino]-1-methyl-1H-1,2,4-triazole, in human plasma and urine by high-performance liquid chromatography 113
Minder, E.I.
—, Schaubhut, R. and Vonderschmitt, D.J.
Screening for drugs in clinical toxicology by high-performance liquid chromatography: identification of barbiturates by post-column ionization and detection by a multiplace photodiode array spectrophotometer 369
Minkler, P.E.
— and Hoppel, C.L.
Determination of ibuprofen in human plasma by high-performance liquid chromatography 388
Moerloose, P. De, see De Schutter, J.A. 301
Moncrieff, J.
Assay of debrisoquine and 4-hydroxydebrisoquine in urine by reversed-phase high-performance liquid chromatography using on-line sample clean-up on a standard isocratic chromatograph 178
Monster, A.C., see Kežić, S. 275
Monteil, H., see Rihn, B. 408
Mount, D.L., see Bergqvist, Y. 281
—, Patchen, L.C. and Churchill, F.C.
Field-adapted method for high-performance thin-layer chromatographic detection and estimation of chloroquine in finger-stick blood 196
Murphy, R., see Turner, C.A. 383
Nagatsu, T., see Sasaoka, T. 152
Nakano, M., see Inotsume, N. 402
Naruse, H., see Hayashi, T. 209
Nguyen, V.K., see Rihn, B. 408
Nicoll-Griffith, D.A.
—, Inaba, T., Tang, B.K. and Kalow, W.
Method to determine the enantiomers of ibuprofen from human urine by high-performance liquid chromatography 103
Niwa, T., see Sasaoka, T. 152
Ogawa, H., see Chiu, W.-Y. 25

Omichi, K.
— and Ikenaka, Y.
Use of a post-column enzymatic reaction for detection of macroamylasemia by high-performance liquid chromatography 415
Patchen, L.C., see Mount, D.L. 196
Pefferkorn, E., see Voegel, J.C. 17
Percheron, F., see Ricard, B. 203
Pfleger, K., see Maurer, H. 43
Pittman, K.A., see Sciacca, M.A. 265
Pommier, F., see Sioufi, A. 71
Prasad, M.R.
—, Jones, R.M., Young, H.S., Kaplinsky, L.B. and Das, D.K.
Analysis of tissue free fatty acids isolated by aminopropyl bonded-phase columns 221
Quearry, B.J., see Heyes, M.P. 340
Rahman, A.
— and Hoffman, N.E.
High-performance liquid chromatographic determination of famotidine in urine 395
Re, M., see Vassal, G. 357
Reeuwijk, H.J.E.M.
—, Lingeman, H., Tjaden, U.R., De Bruijn, E.A., Keizer, H.J. and Van der Greef, J.
Bioanalysis of (*E*)-5-(2-bromovinyl)-2′-deoxyuridine 93
Ricard, B.
—, Bernard, M., Foglietti, M.J. and Percheron, F.
Human urinary β-mannosidase: behaviour towards two chromatographic supports 203
Riemens, L., see Vree, T.B. 311
Rihn, B.
—, Bisseret, F., Girardot, R., Scheftel, J.M., Nguyen, V.K. and Monteil, H.
Fast protein purification of *Clostridium difficile* cytotoxin 408
Rivel, E.R., see Miksic, J.R. 113
Roth, H.J., see Herrmann, T. 237
Rush, K., see Miksic, J.R. 113
Saito, A., see Chiu, W.-Y. 25
Saria, A., see Haring, C. 160
Sasaoka, T.
—, Kaneda, N., Niwa, T., Hashizume, Y. and Nagatsu, T.
Analysis of salsolinol in human brain using high-performance liquid chromatography with electrochemical detection 152
Schaubhut, R., see Minder, E.I. 369
Scheftel, J.M., see Rihn, B. 408
Schmitt, A., see Voegel, J.C. 17
Schoppek, B., see Kauert, G. 291
Schutter, J.A. De, see De Schutter, J.A. 301
Sciacca, M.A.
—, Duncan, G.F., Shea, J.P., Faulkner, III, H.C., Farmen, R.H. and Pittman, K.A.
Simultaneous quantitation of buspirone and 1-(2-pyrimidinyl)piperazine in human plasma and urine by capillary gas chromatography–mass spectrometry 265
Shea, J.P., see Sciacca, M.A. 265
Siegfried, B., see Vachta, J. 183
Sioufi, A.
—, Pommier, F. and Dubois, J.P.
Simultaneous determination of clomipramine and its N-desmethyl metabolite in human whole blood by capillary gas chromatography with mass-selective detection 71
Sjöberg, P., see Lindström, B. 156
Soons, P.A.
— and Breimer, D.D.
Gas chromatographic analysis of nitrendipine and its pyridine metabolite in human plasma 362
Springolo, V.
— and Coppi, G.
Simple method for the determination of rhein in biological fluids by high-performance liquid chromatography 173
Stafford, J.E.H., see Jackson, L.S. 377
Steinhilber, D., see Herrmann, T. 237
Takagi, T., see Chiu, W.-Y. 25
Tang, B.K., see Nicoll-Griffith, D.A. 103
Teitz, D., see Jemal, M. 81
Thompson, G.G., see Forrest, G. 123
Thye, F.W., see Chrisley, B.Mc. 35
Tjaden, U.R., see Reeuwijk, H.J.E.M. 93
Turner, C.A.
— and Murphy, R.
Rapid, high-sensitivity method for measurement of morphine in guinea-pig serum 383
Vachta, J.
— and Siegfried, B.
High-performance liquid chromatographic determination of 1-(3-butoxy-2-carbamoyloxypropyl)-5-ethyl-5-phenyl-(1*H*,3*H*,5*H*)-pyrimidine-2,4,6,-trione in human plasma 183
Van den Bossche, W., see De Schutter, J.A. 301
Van der Greef, J., see Reeuwijk, H.J.E.M. 93
Van der Weken, G., see De Schutter, J.A. 301
Vassal, G.
—, Re, M. and Gouyette, A.

Gas chromatographic–mass spectrometric assay for busulfan in biological fluids using a deuterated internal standard 357
Voegel, J.C.
—, Pefferkorn, E. and Schmitt, A.
Steric protection of a modified glass surface with adsorbed polyacrylamide: interactions with blood proteins 17
Vonderschmitt, D.J., see Minder, E.I. 369
Vree, T.B.
—, Riemens, L. and Koopman-Kimenai, P.M.
High-performance liquid chromatography of xanthines. Effects of N-methyl and C-8 hydroxyl substitution on the retention times 311
Waxman, L., see Kee, Y. 345
Weken, G. Van der, see De Schutter, J.A. 301
Wong, J.T.F.
—, Baker, G.B. and Coutts, R.T.
Rapid and simple procedure for the determination of urinary phenylacetic acid using derivatization in aqueous medium followed by electron-capture gas chromatography 140
Yamada, K., see Chiu, W.-Y. 25
Young, H.S., see Prasad, M.R. 221

Subject Index

Acetamide
GC–MS method for the determination of dimethylacetamide and metabolites in whole blood 156

Acetylcholine
LC with electrochemical detection for the determination of choline and acetylcholine in plasma and red blood cells. Failure to detect acetylcholine in blood of humans and mice 1

Acridanones
Analysis of benzodiazepines. II. HPLC–fluorescence detection after molecular rearrangement to acridanones 321

Albumin
Steric protection of a modified glass surface with adsorbed polyacrylamide: interacions with blood proteins 17

Alkaloids
Ammonium positive-ion and hydroxide negative-ion chemical ionization GC–MS for the identification of pyrrolizidine alkaloids in *Europatorium rotundifolium* L. var. *ovatum* 352

Alkanolamine antihistamines
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43

Amiloride
Simple HPLC method for the measurement of amiloride in body fluids 123

Amino acids
HPLC analysis of neurotransmitter amino acids in brain 9

Amino acids
Effects of differences in charge and hydrophobicity of surface amino acids of hemoglobins on high-performance gel-permeation chromatography 247

γ-Aminobutyric acid
HPLC analysis of neutrotransmitter amino acids in brain 9

3-Amino-5-[3-[4-(1-piperidinoindanyloxy)]-propylamino]-1-methyl-1H-1,2,4-triazole
Analysis of a new H_2 receptor antagonist, 3-amino-5-[3-[4-(piperidinoindanyloxy)]-propylamino]-1-methyl-1H-1,2,4-triazole, in human plasma and urine by HPLC 113

Arachidonic acid
Analysis of tissue free fatty acids isolated by aminopropyl bonded-phase columns 221

Aspartate
HPLC analysis of neurotransmitter amino acids in brain 9

Barbiturates
Screening for drugs in clinical toxicology by HPLC: identification of barbiturates by post-column ionization and detection by a multiplace photodiode array spectrophotometer 369

Bencyclane
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43

Benzodiazepines
Analysis of benzodiazepines. II. HPLC–fluorescence detection after molecular rearrangement to acridanones 321

Bilirubin
Study of the mechanism of the photochemical oxidation of bilirubin by HPLC 255

Biliverdin
Study of the mechanism of the photochemical oxidation of bilirubin by HPLC 255

(*E*)-5-(2-Bromovinyl)-2′-deoxyuridine
Bioanalysis of (*E*)-5-(2-bromovinyl)-2′-deoxyuridine 93

Buspirone
Simultaneous quantitation of buspirone and 1-(2-pyrimidinyl)piperazine in human plasma and urine by capillary GC–MS 265

Busulfan
GC–MS assay for busulfan in biological fluids using a deuterated internal standard 357

2,3-Butanediol
Determination of methyl ethyl ketone and its metabolites in urine using capillary GC 275

2-Butanol
Determination of methyl ethyl ketone and its metabolites in urine using capillary GC 275

1-(3-Butoxy-2-carbamoyloxypropyl)-5-ethyl-5-phenyl-(1*H*,3*H*,5*H*) -pyrimidine-2,4,6-trione
HPLC determination of 1-(3-butoxy-2-carbamoyloxypropyl) -5-ethyl-5-phenyl-(1*H*,3*H*,5*H*)-pyrimidine-2,4,6-trione in human plasma 183

Caffeine
HPLC of xanthines. Effects of N-methyl and C-8 hydroxyl substitution on the retention times 311
Carbinoxamine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43
β-Carbolines
Measurement of β-carbolines by HPLC with fluorescence detection 229
Carboxyhaemoglobins
Effects of differences in charge and hydrophobicity of surface amino acids of hemoglobins on high-performance gel-permeation chromatography 247
S-Carboxymethylcysteine
Determination of S-carboxymethylcysteine in serum by reversed-phase ion-pair LC with column switching following pre-column derivatization with *o*-phthalaldehyde 301
Chlorbenzoxamine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43
Chloroquine
Field-adapted method for HPTLC detection and estimation of chloroquine in finger-stick blood 196
Chlorphenoxamine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43
Choline
LC with electrochemical detection for the determination of choline and acetylcholine in plasma and red blood cells. Failure to detect acetylcholine in blood of humans and mice 1
Clemastine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43
Clomesone
Analysis of clomesone in plasma by GC–electrolytic conductivity detection 331
Clomipramine
Simultaneous determination of clomipramine and its N-desmethyl metabolite in human whole blood by capillary GC with mass-selective detection 71
Clozapine
Clozapine plasma levels determined by HPLC with UV detection 160
Cytotoxin
Fast protein purification of *Clostridium difficile* cytotoxin 408
Debrisoquine
Assay of debrisoquine and 4-hydroxydebrisoquine in urine by reversed-phase HPLC using on-line sample clean-up on a standard isocratic chromatograph 178
Desethylchloroquine
Field-adapted method for HPTLC detection and estimation of chloroquine in finger-stick blood 196
N-Desmethylclomipramine
Simultaneous determination of clomipramine and its N-desmethyl metabolite in human whole blood by capillary GC with mass-selective detection 71
N-Desmethyleclanamine
HPLC method for the determination of eclanamine and its N-desmethyl and N,N-didesmethyl metabolites in urine 131
Diacerhein
Simple method for the determination of rhein in biological fluids by HPLC 173
N,N-Didesmethyleclanamine
HPLC method for the determination of eclanamine and its N-desmethyl and N,N-didesmethyl metabolites in urine 131
Dimethylacetamide
GC–MS method for the determination of dimethylacetamide and metabolites in whole blood 156
Diphenhydramine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43
Diphenpyraline
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43
Doxylamine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43
Eclanamine
HPLC method for the determination of eclanamine and its N-desmethyl and N,N-didesmethyl metabolites in urine 131

Enzymes
Human urinary β-mannosidase behaviour towards two chromatographic supports 203
Enzymes
Improved methods for purification and assay of glycerol kinase from *Escherichia coli* 345
Enzymes
Use of a post-column enzymatic reaction for detection of macroamylasemia by HPLC 415
Ethotoin
Stereoselective analysis of the enantiomers of ethotoin in human serum using chiral stationary phase LC and GC–MS 402
Famotidine
HPLC determination of famotidine in urine 395
Fatty acids
Analysis of tissue free fatty acids isolated by aminopropyl bonded-phase columns 221
Fibrinogen
Steric protection of a modified glass surface with adsorbed polyacrylamide: interactions with blood proteins 17
Free fatty acids
Analysis of tissue free fatty acids isolated by aminopropyl bonded-phase columns 221
Glass surface
Steric protection of a modified glass surface with adsorbed polyacrylamide: interactions with blood proteins 17
Glutamate
HPLC analysis of neurotransmitter amino acids in brain 9
Glycerol kinase
Improved methods for purification and assay of glycerol kinase from *Escherichia coli* 345
Glycine
HPLC analysis of neurotransmitter amino acids in brain 9
Haemodialysers
Comparison of serum protein removal in haemodialysis therapy by partly protein-permeable haemodialysers 25
Haemoglobins
Effects of differences in charge and hydrophobicity of surface amino acids of haemoglobins on high-performance gel-permeation chromatography 247
Harman
Measurement of β-carbolines by HPLC with fluorescence detection 229
Harmol
Measurement of β-carbolines by HPLC with fluorescence detection 229
Homovanillic acid
Simultaneous determination of urinary vanillylmandelic acid, 5-hydroxyindoleacetic acid and homovanillic acid by LC 147
3-Hydroxy-2-butanone
Determination of methyl ethyl ketone and its metabolites in urine using capillary GC 275
4-Hydroxydebrisoquine
Assay of debrisoquine and 4-hydroxydebrisoquine in urine by reversed-phase HPLC using on-line sample clean-up on a standard isocratic chromatograph 178
5-Hydroxyindoleacetic acid
Simultaneous determination of urinary vanillylmandelic acid, 5-hydroxyindoleacetic acid and homovanillic acid by LC 147
5-Hydroxyindole-3-acetic acid
Sensitive determination of deuterated and non-deuterated indole-3-acetic acid and 5-hydroxyindole-3-acetic acid by combined capillary gas chromatography–negative-ion chemical ionization mass spectrometry 209
3-Hydroxykynurenine
Quantification of 3-hydroxykynurenine in brain by HPLC and electrochemical detection 340
17β-Hydroxy-3-oxo-17-pregn-4-ene-21-carboxylic acid-γ-lactone 7α-methyl ethyl ester
HPLC assay for the simultaneous measurement of two spironolactone analogues, 17β-hydroxy-3-oxo-17-pregn-4-ene-21-carboxylic acid-γ-lactone 7α-methyl ethyl ester and its 6β-hydroxylated derivative 377
Ibuprofen
Method to determine the enantiomers of ibuprofen from human urine by HPLC 103
Ibuprofen
Determination of ibuprofen in human plasma by HPLC 388
Indole-3-acetic acid
Melatonin and other indoles in rat pineal 206
Indole-3-acetic acid
Sensitive determination of deuterated and non-deuterated indole-3-acetic acid and 5-hydroxyindole-3-acetic acid by combined

capillary gas chromatography–negative-ion chemical ionization mass spectrometry 209

Indoles
Melatonin and other indoles in rat pineal 206

Isradipine
Assay of isradipine and of its major metabolites in biological fluids by capillary GC and chemical ionization MS 61

Lipoxins
Determination of picogram amounts of lipoxin A_4 and lipoxin B_4 by HPLC with electrochemical detection 237

Macroamylase
Use of a post-column enzymatic reaction for detection of macroamylasemia by HPLC 415

β-Mannosidase
Human urinary β-mannosidase behaviour towards two chromatographic supports 203

Mecloxamine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43

Medrylamine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43

Mefloquine
Determination of mefloquine by electron-capture GC after phosgene derivatization in biological samples and in capillary blood collected on filter paper 281

Melatonin
Melatonin and other indoles in rat pineal 206

5-Methoxy-3-acetic acid
Melatonin and other indoles in rat pineal 206

5-Methoxytryptophol
Melatonin and other indoles in rat pineal 206

Methyl ethyl ketone
Determination of methyl ethyl ketone and its metabolites in urine using capillary GC 275

Monomethylacetamide
GC–MS method for the determination of dimethylacetamide and metabolites in whole blood 156

Morphine
Rapid, high-sensitivity method for measurement of morphine in guinea-pig serum 383

Neurotransmitters
HPLC analysis of neurotransmitter amino acids in brain 9

Nitrendipine
GC analysis of nitrendipine and its pyridine metabolite in human plasma 362

Norharman
Measurement of β-carbolines by HPLC with fluorescence detection 229

Norharmol
Measurement of β-carbolines by HPLC with fluorescence detection 229

Orphenadrine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43

Oxilofrine
Detection of oxilofrine in plasma and urine by HPLC with electrochemical detection and comparison with GC–MS 291

Oxyhaemoglobins
Effects of differences in charge and hydrophobicity of surface amino acids of hemoglobins on high-performance gel-permeation chromatography 247

Paraxanthine
HPLC of xanthines. Effects of N-methyl and C-8 hydroxyl substitution on the retention times 311

Pelanserin
Sensitive HPLC assay of pelanserin, a novel antihypertensive agent, in plasma samples 167

Phenylacetic acid
Rapid and simple procedure for the determination of urinary phenylacetic acid using derivatization in aqueous medium followed by electron-capture GC 140

Phenyltoloxamine
Screening procedure for the detection of alkanolamine antihistamines and their metabolites in urine using computerized GC–MS 43

Polyacrylamide
Steric protection of a modified glass surface with adsorbed polyacrylamide: interactions with blood proteins 17

Polyunsaturated fatty acids
Analysis of tissue free fatty acids isolated by

aminopropyl bonded-phase columns 221
Proteins
Steric protection of a modified glass surface with adsorbed polyacrylamide: interactions with blood proteins 17
Proteins
Comparison of serum protein removal in haemodialysis therapy by partly protein-permeable haemodialysers 25
4-Pyridoxic acid
Plasma B_6 vitamer and 4-pyridoxic acid concentrations of men fed controlled diets 35
1-(2-Pyrimidinyl)piperazine
Simultaneous quantitation of buspirone and 1-(2-pyrimidinyl)piperazine in human plasma and urine by capillary GC–MS 265
Pyrrolizidine alkaloids
Ammonium positive-ion and hydroxide negative-ion chemical ionization GC–MS for the identification of pyrrolizidine alkaloids in *Eupatorium rotundifolium* L. var. *ovatum* 352
Rhein
Simple method for the determination of rhein in biological fluids in HPLC 173
Salsolinol
Analysis of salsolinol in human brain using HPLC with electrochemical detection 152
Spironolactones
HPLC assay for the simultaneous measurement of two spironolactone analogues, 17β-hydroxy-3-oxo-17-pregn-4-ene-21-carboxylic acid-γ-lactone 7α-methyl ethyl ester and its 6β-hydroxylated derivative 377
Sulphadiazine
HPLC method with electrochemical detection for the concomitant assay of sulphadiazine, sulphamerazine and sulphapyridine in plasma 190
Sulphamerazine
HPLC method with electrochemical detection for the concomitant assay of sulphadiazine, sulphamerazine and sulphapyridine in plasma 190
Sulphapyridine
HPLC method with electrochemical detection for the concomitant assay of sulphadiazine, sulphamerazine and sulphapyridine in plasma 190
Taurine
HPLC analysis of neurotransmitter amino acids in brain 9
Theobromine
HPLC of xanthines. Effects of N-methyl and C-8 hydroxyl substitution on the retention times 311
Theophylline
HPLC of xanthines. Effects of N-methyl and C-8 hydroxyl substitution on the retention times 311
Toxins
Fast protein purification of *Clostridium difficile* cytotoxin 408
Tryptophol
Melatonin and other indoles in rat pineal 206
Vanillylmandelic acid
Simultaneous determination of urinary vanillylmandelic acid, 5-hydroxyindoleacetic acid and homovanillic acid by LC 147
B_6 Vitamers
Plasma B_6 vitamer and 4-pyridoxic acid concentrations of men fed controlled diets 35
Vitamin B_6
Plasma B_6 vitamer and 4-pyridoxic acid concentrations of men fed controlled diets 35
Xanthines
HPLC of xanthines. Effects of N-methyl and C-8 hydroxyl substitution on the retention times 311
Zofenopril
Simultaneous determination of the prodrug zofenopril and its active drug in plasma by capillary GC–mass-selective detection 81